

**Table 137. Energy Consumption Estimates by Source, Selected Years 1960-1997, Maryland**

Year	Coal <sup>a</sup> Thousand Short Tons	Natural Gas <sup>b</sup> Billion Cubic Feet	Petroleum											Nuclear Electric Power	Hydro-electric Power <sup>d</sup>	Biomass <sup>e</sup>	Other <sup>a,f</sup>	Net Inter-state Flow of Electricity/Losses <sup>g</sup> Million kWh	Total <sup>h</sup>
			Asphalt & Road Oil <sup>a</sup>	Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	Kero-sene <sup>a</sup>	LPG <sup>a</sup>	Lubri-cants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,c</sup>	Total						
			Thousand Barrels															Million kWh	
1960	8,530	71	1,813	279	12,870	2,457	2,445	1,051	565	22,552	16,835	978	61,844	0	1,358	-	-	1,813	-
1965	12,372	99	3,289	474	16,967	2,856	2,371	1,473	627	27,510	15,510	1,697	72,774	0	1,141	-	-	-5,190	-
1970	12,216	156	2,798	309	19,817	4,477	2,331	1,841	624	37,159	22,046	2,895	94,297	0	1,907	-	-	4,900	-
1975	7,761	140	3,246	205	21,034	3,049	1,193	2,395	763	43,688	26,941	2,166	104,680	4,386	2,311	-	-	9,915	-
1980	9,312	160	2,638	173	21,908	3,522	1,168	2,060	724	44,003	16,480	2,504	95,181	10,947	1,270	-	-	18,497	-
1985	10,012	151	4,520	76	17,717	3,901	1,247	1,805	659	45,632	7,916	2,640	86,112	9,926	1,524	-	-	31,970	-
1986	10,750	153	5,211	101	17,385	3,889	936	1,428	644	46,914	7,282	3,552	87,343	12,828	1,876	-	-	23,020	-
1987	11,311	169	4,823	87	18,077	3,771	1,209	1,741	729	48,215	9,077	4,432	92,161	10,070	1,612	-	-	36,495	-
1988	11,757	173	4,350	94	18,551	4,481	1,526	1,695	703	49,125	10,417	4,288	95,229	11,734	1,328	-	-	32,515	-
1989	11,541	190	4,500	83	20,581	4,384	1,006	2,135	721	49,629	15,112	3,486	101,638	2,719	NA	-	-	R 51,181	-
1990	11,193	172	5,008	74	17,003	3,637	466	1,965	742	47,415	9,881	4,027	90,218	1,251	NA	-	-	R 62,318	-
1991	10,709	173	3,703	75	17,313	3,293	476	2,018	663	48,448	9,368	3,814	89,173	9,036	NA	-	-	R 45,951	-
1992	9,713	181	3,509	96	18,355	3,061	378	2,635	676	49,044	7,836	4,559	90,150	10,664	NA	-	-	R 40,870	-
1993	10,268	181	4,684	102	19,724	3,000	621	2,479	689	49,602	9,703	4,025	94,629	12,301	NA	-	-	36,450	-
1994	10,491	184	4,363	71	19,463	3,229	672	2,835	720	50,699	9,039	4,133	95,222	11,235	NA	-	-	R 36,940	-
1995	11,198	194	4,236	48	19,189	3,430	801	2,687	708	51,475	3,921	4,057	90,553	12,938	NA	-	-	R 40,528	-
1996	11,366	193	3,610	35	22,124	3,897	802	2,930	687	51,800	4,383	4,283	94,551	12,093	NA	-	-	R 43,138	-
1997	11,261	207	5,619	43	20,214	4,096	865	2,959	725	53,594	4,026	4,273	96,415	13,213	NA	-	-	39,496	-

  

Trillion Btu																			
1960	226.6	73.3	12.0	1.4	75.0	13.5	13.9	4.2	3.4	118.5	105.8	5.7	353.4	0.0	14.6	R 23.8	0.0	6.2	R 697.9
1965	327.4	101.0	21.8	2.4	98.8	15.7	13.4	5.9	3.8	144.5	97.5	9.4	413.4	0.0	11.9	R 27.1	0.0	-17.7	R 863.1
1970	311.3	159.6	18.6	1.6	115.4	25.0	13.2	7.0	3.8	195.2	138.6	16.2	534.4	0.0	20.0	R 31.8	0.0	16.7	R 1,073.8
1975	197.2	141.9	21.5	1.0	122.5	16.9	6.8	8.9	4.6	229.5	169.4	12.4	593.6	48.3	24.0	R 31.8	0.0	33.8	R 1,070.6
1980	235.7	163.4	17.5	0.9	127.6	19.5	6.6	7.6	4.4	231.1	103.6	14.1	533.0	119.4	13.2	R 32.3	0.0	63.1	R 1,160.2
1985	256.2	156.0	30.0	0.4	103.2	21.7	7.1	6.5	4.0	239.7	49.8	14.9	477.2	107.3	15.9	R 41.9	0.0	109.1	R 1,163.6
1986	275.0	158.0	34.6	0.5	101.3	21.6	5.3	5.2	3.9	246.4	45.8	19.9	484.6	138.5	19.6	R 60.5	0.0	78.5	R 1,214.8
1987	288.9	174.3	32.0	0.4	105.3	21.0	6.9	6.4	4.4	253.3	57.1	25.1	511.8	108.5	16.8	R 57.5	0.0	124.5	R 1,282.3
1988	301.2	178.4	28.9	0.5	108.1	25.0	8.7	6.2	4.3	258.1	65.5	24.4	529.4	126.1	13.7	R 59.8	0.0	110.9	R 1,319.6
1989	295.1	195.8	29.9	0.4	119.9	24.5	5.7	7.9	4.4	260.7	95.0	19.6	567.9	29.2	i 18.5	R i 57.8	R i 0.1	R 174.6	R i 1,339.0
1990	286.4	177.1	33.2	0.4	99.0	20.3	2.6	7.1	4.5	249.1	62.1	22.8	501.2	13.4	23.9	R 33.6	R 0.1	212.6	R 1,248.3
1991	274.8	177.8	24.6	0.4	100.9	18.4	2.7	7.3	4.0	254.5	58.9	21.5	493.1	97.0	14.7	R 31.3	R 0.1	R 156.8	R 1,245.6
1992	247.5	186.4	23.3	0.5	106.9	17.1	2.1	9.6	4.1	257.6	49.3	25.8	496.3	113.9	18.9	R 32.9	R 0.1	139.4	R 1,235.4
1993	261.7	185.7	31.1	0.5	114.9	16.8	3.5	8.9	4.2	260.6	61.0	22.6	524.1	131.4	17.1	R 35.1	R 0.1	124.4	R 1,279.5
1994	268.9	189.4	28.9	0.4	113.4	18.2	3.8	10.3	4.4	266.3	56.8	23.3	525.9	119.9	20.7	R 34.5	R 0.1	126.0	R 1,285.6
1995	289.6	199.1	28.1	0.2	111.8	19.4	4.5	9.7	4.3	270.4	24.7	22.9	496.1	137.9	14.9	R 37.1	R 0.1	R 138.3	R 1,312.9
1996	292.2	198.1	24.0	0.2	128.9	22.1	4.5	10.6	4.2	272.1	27.6	24.1	518.2	128.5	25.4	R 37.9	R 0.1	147.2	R 1,347.4
1997	290.2	214.5	37.3	0.2	117.7	23.2	4.9	10.7	4.4	281.5	25.3	24.1	529.4	140.4	16.4	34.5	0.2	134.8	1,360.0

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

<sup>d</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>e</sup> "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

<sup>f</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>g</sup> Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

<sup>h</sup> From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

<sup>i</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

kWh=kilowatt-hours. R=Revised data. - =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 138. Residential Energy Consumption Estimates, Selected Years 1960-1997, Maryland**

Year	Coal			Natural Gas <sup>b</sup>	Petroleum				Wood	Geothermal	Solar <sup>c</sup>	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>d</sup>	Total
	Bituminous Coal and Lignite <sup>a</sup>	Anthracite <sup>a</sup>	Total		Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a</sup>	Total						Million Kilowatthours	
	Thousand Short Tons				Billion Cubic Feet	Thousand Barrels						Thousand Cords	Kilowatthours	Energy	
1960	78	37	116	46	6,053	2,234	617	8,903	R 406	-	-	2,772	-	6,895	-
1965	68	23	91	57	7,191	2,177	893	10,261	R 328	-	-	4,384	-	10,466	-
1970	20	14	35	73	8,234	2,166	1,007	11,407	R 377	-	-	7,690	-	18,635	-
1975	7	8	15	69	8,453	1,014	1,242	10,708	R 452	-	-	9,660	-	23,300	-
1980	10	5	15	68	8,797	830	740	10,367	R 558	-	-	12,119	-	29,469	-
1985	40	4	44	68	5,023	1,113	987	7,123	R 862	-	-	14,319	-	33,642	-
1986	42	4	46	72	4,818	828	758	6,404	R 839	-	-	15,819	-	36,388	-
1987	59	4	64	71	5,521	1,136	949	7,605	R 690	-	-	17,218	-	39,342	-
1988	40	5	45	75	5,921	1,316	897	8,134	R 717	-	-	18,483	-	41,787	-
1989	18	2	20	75	5,139	813	1,101	7,053	R 744	-	-	19,069	-	R 42,845	-
1990	16	2	18	66	4,284	385	1,088	5,757	518	-	-	19,102	-	R 41,780	-
1991	14	2	16	69	4,181	396	1,215	5,792	546	-	-	20,295	-	R 44,181	-
1992	4	1	5	75	4,458	316	1,365	6,139	575	-	-	19,762	-	R 42,212	-
1993	4	3	6	77	5,230	509	1,404	7,143	R 619	-	-	21,546	-	45,523	-
1994	11	3	14	77	4,985	393	1,431	6,809	607	-	-	21,666	-	R 45,211	-
1995	100	7	107	77	4,766	535	1,647	6,948	R 673	-	-	22,234	-	R 46,320	-
1996	14	1	15	86	5,895	593	1,766	8,254	R 672	-	-	22,986	-	R 47,838	-
1997	18	2	20	78	5,176	597	1,766	7,539	489	-	-	21,937	-	45,557	-

**Trillion Btu**

1960	2.0	0.9	2.9	47.5	35.3	12.7	2.5	50.4	R 8.1	0.0	0.0	9.5	R 118.4	23.5	R 141.9
1965	1.7	0.6	2.3	58.1	41.9	12.3	3.6	57.8	R 6.6	0.0	0.0	15.0	R 139.7	35.7	R 175.4
1970	0.5	0.3	0.8	74.5	48.0	12.3	3.8	64.0	R 7.5	0.0	0.0	26.2	R 173.2	63.6	R 236.8
1975	0.2	0.2	0.3	70.1	49.2	5.7	4.6	59.6	R 9.0	0.0	0.0	33.0	R 172.0	79.5	R 251.5
1980	0.2	0.1	0.4	69.4	51.2	4.7	2.7	58.7	R 11.2	0.0	0.0	41.4	R 181.0	100.5	R 281.5
1985	1.0	0.1	1.1	70.7	29.3	6.3	3.6	39.1	R 17.2	0.0	0.0	48.9	R 177.1	114.8	R 291.8
1986	1.0	0.1	1.1	74.5	28.1	4.7	2.8	35.5	R 16.8	0.0	0.0	54.0	R 181.9	124.2	R 306.0
1987	1.5	0.1	1.6	73.0	32.2	6.4	3.5	42.1	R 13.8	0.0	0.0	58.7	R 189.2	134.2	R 323.5
1988	1.0	0.1	1.1	77.3	34.5	7.5	3.3	45.2	R 14.3	0.0	0.0	63.1	R 201.1	142.6	R 343.6
1989	0.4	(s)	0.5	77.4	29.9	4.6	4.1	38.6	R 14.9	e 0.1	R e (s)	65.1	R e 196.6	R 146.2	R e 342.8
1990	0.4	0.1	0.4	68.2	25.0	2.2	3.9	31.1	10.4	0.1	(s)	65.2	R 175.4	R 142.6	R 317.9
1991	0.3	(s)	0.4	71.0	24.4	2.2	4.4	31.0	10.9	0.1	(s)	69.2	182.6	150.7	R 333.4
1992	0.1	(s)	0.1	77.1	26.0	1.8	4.9	32.7	11.5	0.1	(s)	67.4	R 189.0	144.0	333.0
1993	0.1	0.1	0.2	79.0	30.5	2.9	5.1	38.4	12.4	0.1	(s)	73.5	R 203.6	155.3	R 358.9
1994	0.3	0.1	0.3	79.0	29.0	2.2	5.2	36.5	12.1	0.1	(s)	73.9	R 202.0	R 154.3	R 356.3
1995	2.5	0.2	2.7	78.4	27.8	3.0	6.0	36.8	13.5	0.1	(s)	75.9	R 207.3	158.0	R 365.4
1996	0.4	(s)	0.4	88.0	34.3	3.4	6.4	44.1	R 13.4	0.1	(s)	78.4	224.4	163.2	R 387.7
1997	0.5	(s)	0.5	80.1	30.1	3.4	6.4	39.9	9.8	0.1	(s)	74.8	205.3	155.4	360.7

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 139. Commercial Energy Consumption Estimates, Selected Years 1960-1997, Maryland**

Year	Coal			Natural Gas <sup>b</sup>	Petroleum						Wood	Geothermal	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>c</sup>	Total <sup>d</sup>		
	Bituminous Coal and Lignite <sup>a</sup>	Anthracite <sup>a</sup>	Total		Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total							Thousand Cords	Million Kilowatthours
	Thousand Short Tons				Billion Cubic Feet	Thousand Barrels									Thousand Cords		Million Kilowatthours	Million Kilowatthours
1960	146	25	170	8	2,357	72	109	72	2,442	5,052	R 8	-	R 2,696	-	R 6,706	-		
1965	126	16	142	13	2,800	70	158	90	1,920	5,039	R 6	-	3,937	-	9,401	-		
1970	38	10	48	26	3,206	70	178	103	1,498	5,054	R 7	-	6,347	-	15,380	-		
1975	14	5	19	25	3,291	33	219	120	1,169	4,833	R 9	-	8,573	-	20,680	-		
1980	18	4	22	29	2,865	20	131	121	1,159	4,296	R 13	-	R 9,387	-	R 22,827	-		
1985	74	3	77	24	1,942	89	174	170	252	2,628	NA	-	R 9,621	-	R 22,603	-		
1986	78	2	80	24	1,541	49	134	174	867	2,766	NA	-	R 10,256	-	R 23,591	-		
1987	110	3	113	26	1,935	23	167	181	1,829	4,134	NA	-	R 10,861	-	R 24,815	-		
1988	74	4	78	26	1,862	63	158	169	719	2,972	NA	-	R 11,535	-	R 26,078	-		
1989	33	1	34	27	2,004	89	194	197	1,293	3,778	NA	-	R 10,641	-	R 23,909	-		
1990	29	1	30	24	2,095	48	192	231	556	3,122	NA	-	R 11,021	-	R 24,106	-		
1991	25	1	26	38	2,297	52	214	118	133	2,816	NA	-	R 11,259	-	R 24,509	-		
1992	7	1	8	42	2,575	42	241	103	478	3,439	NA	-	R 11,355	-	R 24,254	-		
1993	7	2	9	44	2,689	85	248	31	193	3,246	R 50	-	R 12,006	-	R 25,365	-		
1994	20	2	22	44	3,063	213	253	31	217	3,776	R 51	-	R 13,914	-	R 29,034	-		
1995	185	5	190	47	2,999	210	291	32	121	3,652	R 51	-	R 23,730	-	R 49,438	-		
1996	26	1	27	46	3,317	151	312	32	109	3,920	R 55	-	R 23,780	-	R 49,492	-		
1997	33	1	35	50	2,560	227	312	31	51	3,181	47	-	24,070	-	49,987	-		
<b>Trillion Btu</b>																		
1960	3.7	0.6	4.3	8.3	13.7	0.4	0.4	0.4	15.4	30.3	R 0.2	0.0	9.2	R 52.2	22.9	R 75.1		
1965	3.1	0.4	3.5	13.3	16.3	0.4	0.6	0.5	12.1	29.9	R 0.1	0.0	13.4	R 60.3	32.1	R 92.4		
1970	0.9	0.2	1.1	26.5	18.7	0.4	0.7	0.5	9.4	29.7	R 0.1	0.0	21.7	R 79.1	52.5	R 131.6		
1975	0.3	0.1	0.4	25.5	19.2	0.2	0.8	0.6	7.4	28.2	R 0.2	0.0	29.3	R 83.5	70.6	R 154.1		
1980	0.4	0.1	0.5	29.1	16.7	0.1	0.5	0.6	7.3	25.2	R 0.3	0.0	32.0	R 87.2	77.9	R 165.1		
1985	1.8	0.1	1.9	25.0	11.3	0.5	0.6	0.9	1.6	14.9	NA	0.0	32.8	74.6	R 77.1	R 151.7		
1986	1.9	0.1	2.0	24.7	9.0	0.3	0.5	0.9	5.5	16.1	NA	0.0	35.0	77.8	R 80.5	R 158.3		
1987	2.7	0.1	2.8	26.4	11.3	0.1	0.6	0.9	11.5	24.5	NA	0.0	37.1	R 90.7	R 84.7	R 175.4		
1988	1.8	0.1	1.9	26.7	10.8	0.4	0.6	0.9	4.5	17.2	NA	0.0	39.4	85.2	R 89.0	R 174.2		
1989	0.8	(s)	0.9	27.7	11.7	0.5	0.7	1.0	8.1	22.1	NA	0.0	R 36.3	87.0	R 81.6	R 168.5		
1990	0.7	(s)	0.8	24.7	12.2	0.3	0.7	1.2	3.5	17.9	NA	0.0	R 37.6	R 80.9	82.3	R 163.2		
1991	0.6	(s)	0.7	39.1	13.4	0.3	0.8	0.6	0.8	15.9	NA	0.0	R 38.4	94.1	R 83.6	R 177.7		
1992	0.2	(s)	0.2	43.6	15.0	0.2	0.9	0.5	3.0	19.7	NA	0.0	R 38.7	R 102.2	R 82.8	R 185.0		
1993	0.2	(s)	0.2	44.8	15.7	0.5	0.9	0.2	1.2	18.4	R 1.0	0.0	41.0	R 105.4	R 86.5	R 192.0		
1994	0.5	(s)	0.6	45.5	17.8	1.2	0.9	0.2	1.4	21.5	R 1.0	0.0	R 47.5	R 116.0	R 99.1	R 215.1		
1995	4.6	0.1	4.7	48.0	17.5	1.2	1.1	0.2	0.8	20.6	R 1.0	0.0	R 81.0	R 155.4	R 168.7	R 324.1		
1996	0.7	(s)	0.7	47.1	19.3	0.9	1.1	0.2	0.7	22.2	R 1.1	0.0	R 81.1	R 152.2	R 168.9	R 321.1		
1997	0.8	(s)	0.9	51.5	14.9	1.3	1.1	0.2	0.3	17.8	0.9	0.0	82.1	153.2	170.6	323.8		

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>d</sup> Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

R=Revised data.

- =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 140. Industrial Energy Consumption Estimates, Selected Years 1960-1997, Maryland**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum									Hydro-electric Power <sup>b</sup> Million kWh	Wood and Waste	Other <sup>b,d</sup>	Electricity <sup>b</sup>		Electrical System Energy Losses <sup>e</sup> Million kWh	Total
			Asphalt and Road Oil <sup>b</sup>	Distillate Fuel <sup>b</sup>	Kero-sene <sup>b</sup>	LPG <sup>b</sup>	Lubri-cants <sup>b</sup>	Motor Gasoline	Residual Fuel <sup>b</sup>	Other <sup>b,c</sup>	Total				Million kWh	Net Energy		
			Thousand Barrels															
1960	5,067	16	1,813	2,093	138	317	247	670	10,333	978	16,589	1	—	—	3,269	—	8,131	—
1965	6,101	28	3,289	3,177	124	412	316	439	8,296	1,697	17,750	1	—	—	5,073	—	12,113	—
1970	6,174	44	2,798	3,248	95	624	325	261	6,672	2,895	16,918	(s)	—	—	8,469	—	20,524	—
1975	3,854	43	3,246	3,434	146	888	456	293	4,983	2,166	15,614	0	—	—	9,069	—	21,875	—
1980	3,367	54	2,638	3,297	318	1,163	414	145	2,669	2,504	13,148	0	—	—	13,057	—	31,750	—
1985	2,846	55	4,520	2,547	44	584	377	299	1,022	2,640	12,032	0	—	—	15,312	—	35,974	—
1986	2,664	53	5,211	2,087	58	501	368	322	949	3,552	13,049	0	—	—	15,808	—	36,362	—
1987	2,906	58	4,823	1,663	50	593	417	333	803	4,432	13,114	0	—	—	16,745	—	38,262	—
1988	2,614	64	4,350	1,718	146	583	402	352	1,060	4,288	12,898	0	—	—	17,446	—	39,441	—
1989	2,414	66	4,500	2,105	104	782	412	343	985	3,486	12,718	f NA	—	—	19,456	—	R 43,714	—
1990	2,200	62	5,008	1,733	33	633	424	297	1,241	4,027	13,396	NA	—	—	19,308	—	R 42,232	—
1991	2,034	47	3,703	1,556	28	547	379	285	777	3,814	11,089	NA	—	—	19,448	—	R 42,336	—
1992	706	50	3,509	1,408	19	928	387	275	1,073	4,559	12,159	NA	—	—	19,768	—	R 42,225	—
1993	732	49	4,684	1,787	27	713	394	290	1,244	4,025	13,163	NA	—	—	20,201	—	42,680	—
1994	738	48	4,363	1,697	66	1,055	412	294	1,252	4,133	13,271	NA	—	—	19,037	—	R 39,726	—
1995	760	49	4,236	1,682	57	701	405	328	740	4,057	12,207	NA	—	—	10,057	—	R 20,952	—
1996	785	50	3,610	2,087	58	803	393	343	1,384	4,283	12,960	NA	—	—	10,098	—	R 21,017	—
1997	790	66	5,619	1,765	41	837	415	363	856	4,273	14,169	NA	—	—	10,128	—	21,033	—

**Trillion Btu**

1960	135.0	16.6	12.0	12.2	0.8	1.3	1.5	3.5	65.0	5.7	102.0	(s)	R 15.6	0.0	11.2	R 280.2	27.7	R 308.0
1965	162.4	28.3	21.8	18.5	0.7	1.7	1.9	2.3	52.2	9.4	108.5	(s)	R 20.4	0.0	17.3	R 336.9	41.3	R 378.2
1970	162.7	44.9	18.6	18.9	0.5	2.4	2.0	1.4	41.9	16.2	101.8	(s)	R 24.1	0.0	28.9	R 362.3	70.0	R 432.4
1975	102.2	43.6	21.5	20.0	0.8	3.3	2.8	1.5	31.3	12.4	93.7	0.0	R 22.6	0.0	30.9	R 293.0	74.6	R 367.7
1980	88.6	55.5	17.5	19.2	1.8	4.3	2.5	0.8	16.8	14.1	76.9	0.0	R 20.9	0.0	44.6	R 286.5	108.3	R 394.8
1985	74.8	56.5	30.0	14.8	0.2	2.1	2.3	1.6	6.4	14.9	72.4	0.0	R 24.5	0.0	52.2	R 280.4	122.7	R 403.2
1986	69.9	54.4	34.6	12.2	0.3	1.8	2.2	1.7	6.0	19.9	78.7	0.0	R 43.3	0.0	53.9	R 300.3	124.1	R 424.4
1987	75.9	60.4	32.0	9.7	0.3	2.2	2.5	1.8	5.0	25.1	78.6	0.0	R 43.2	0.0	57.1	R 315.2	130.5	R 445.7
1988	68.6	66.2	28.9	10.0	0.8	2.1	2.4	1.8	6.7	24.4	77.2	0.0	R 44.9	0.0	59.5	R 316.4	134.6	R 451.0
1989	63.3	68.3	29.9	12.3	0.6	2.9	2.5	1.8	6.2	19.6	75.7	f 0.0	R f 42.8	f 0.0	66.4	R f 316.4	R 149.2	R f 465.6
1990	57.4	63.5	33.2	10.1	0.2	2.3	2.6	1.6	7.8	22.8	80.6	0.0	R 23.2	0.0	65.9	R 290.5	144.1	R 434.6
1991	52.8	48.3	24.6	9.1	0.2	2.0	2.3	1.5	4.9	21.5	66.0	0.0	R 20.4	0.0	66.4	R 253.9	R 144.5	R 398.3
1992	17.8	51.1	23.3	8.2	0.1	3.4	2.3	1.4	6.7	25.8	71.3	0.0	R 21.4	0.0	67.4	R 229.0	144.1	R 373.1
1993	18.5	50.2	31.1	10.4	0.2	2.6	2.4	1.5	7.8	22.6	78.6	0.0	R 21.7	0.0	68.9	R 237.8	145.6	R 383.5
1994	18.8	49.1	28.9	9.9	0.4	3.8	2.5	1.5	7.9	23.3	78.3	0.0	R 21.4	0.0	65.0	R 232.5	135.5	R 368.0
1995	19.2	50.2	28.1	9.8	0.3	2.5	2.5	1.7	4.7	22.9	72.5	0.0	R 22.4	0.0	34.3	R 198.6	71.5	R 270.1
1996	19.7	51.4	24.0	12.2	0.3	2.9	2.4	1.8	8.7	24.1	76.4	0.0	R 23.1	0.0	34.5	R 205.1	71.7	R 276.8
1997	19.8	68.2	37.3	10.3	0.2	3.0	2.5	1.9	5.4	24.1	84.7	0.0	23.5	0.0	34.6	230.8	71.8	302.6

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>c</sup> "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."

<sup>d</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. —=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 141. Transportation Energy Consumption Estimates, Selected Years 1960-1997, Maryland**

Year	Coal <sup>a</sup> Thousand Short Tons	Natural Gas <sup>b</sup> Billion Cubic Feet	Petroleum								Ethanol <sup>c</sup> Thousand Gallons	Electricity <sup>a</sup> Million Kilowatt-hours	Net Energy	Electrical System Energy Losses <sup>d</sup>	Total <sup>c</sup>
			Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	LPG <sup>a</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total				Million Kilowatt-hours	
			Thousand Barrels											Million Kilowatt-hours	
1960	89	1	279	2,352	2,457	9	318	21,810	3,893	31,117	0	R 19	—	R 48	—
1965	20	1	474	3,774	2,856	10	310	26,981	5,024	39,429	0	0	—	0	—
1970	10	2	309	4,184	4,477	32	299	36,795	3,931	50,027	0	0	—	0	—
1975	1	2	205	5,244	2,973	46	307	43,275	2,807	54,856	0	0	—	0	—
1980	0	4	173	5,848	3,512	26	310	43,737	4,514	58,121	0	R 23	—	R 55	—
1985	0	2	76	7,375	3,901	60	282	45,163	1,511	58,368	0	R 75	—	R 176	—
1986	0	2	101	8,191	3,889	35	276	46,419	1,211	60,122	0	R 78	—	R 180	—
1987	0	2	87	8,152	3,771	32	312	47,702	2,082	62,137	0	R 84	—	R 192	—
1988	0	3	94	8,193	4,481	56	301	48,603	2,629	64,358	0	R 100	—	R 226	—
1989	0	2	83	10,078	4,384	57	309	49,088	2,427	66,427	<sup>e</sup> 0	R 92	—	R 207	—
1990	0	2	74	8,293	3,637	52	318	46,887	1,850	61,111	0	R 102	—	R 224	—
1991	0	3	75	8,727	3,293	42	284	48,045	1,373	61,840	0	R 106	—	R 230	—
1992	0	2	96	9,457	3,061	101	290	48,665	1,631	63,301	0	R 104	—	R 222	—
1993	0	2	102	9,425	3,000	115	295	49,281	1,291	63,509	0	R 120	—	R 254	—
1994	0	3	71	8,678	3,229	97	308	50,374	988	63,745	0	R 135	—	R 281	—
1995	0	3	48	9,068	3,430	48	303	51,115	946	64,958	3,146	R 137	—	R 285	—
1996	0	3	35	10,044	3,897	49	294	51,425	768	66,513	2,658	R 133	—	R 277	—
1997	0	3	43	10,075	4,096	45	311	53,200	739	68,508	3,131	130	—	270	—

**Trillion Btu**

1960	2.3	0.9	1.4	13.7	13.5	(s)	1.9	114.6	24.5	169.6	0.0	0.1	172.8	0.2	173.0
1965	0.5	1.2	2.4	22.0	15.7	(s)	1.9	141.7	31.6	215.4	0.0	0.0	217.1	0.0	217.1
1970	0.2	2.1	1.6	24.4	25.0	0.1	1.8	193.3	24.7	270.8	0.0	0.0	273.1	0.0	273.1
1975	(s)	2.2	1.0	30.5	16.5	0.2	1.9	227.3	17.6	295.1	0.0	0.0	297.3	0.0	297.3
1980	0.0	4.0	0.9	34.1	19.5	0.1	1.9	229.8	28.4	314.5	0.0	0.1	318.6	0.2	318.8
1985	0.0	2.3	0.4	43.0	21.7	0.2	1.7	237.2	9.5	313.7	0.0	R 0.3	R 316.3	R 0.6	R 316.9
1986	0.0	2.1	0.5	47.7	21.6	0.1	1.7	243.8	7.6	323.1	0.0	R 0.3	325.5	R 0.6	R 326.1
1987	0.0	2.2	0.4	47.5	21.0	0.1	1.9	250.6	13.1	334.6	0.0	R 0.3	337.0	R 0.7	R 337.7
1988	0.0	2.7	0.5	47.7	25.0	0.2	1.8	255.3	16.5	347.1	0.0	0.3	R 350.1	R 0.8	R 350.8
1989	0.0	2.3	0.4	58.7	24.5	0.2	1.9	257.9	15.3	358.8	<sup>e</sup> 0.0	0.3	R e 361.4	R 0.7	R e 362.1
1990	0.0	2.5	0.4	48.3	20.3	0.2	1.9	246.3	11.6	329.0	0.0	0.3	331.8	R 0.8	R 332.6
1991	0.0	2.6	0.4	50.8	18.4	0.2	1.7	252.4	8.6	332.5	0.0	R 0.4	335.4	R 0.8	R 336.2
1992	0.0	2.5	0.5	55.1	17.1	0.4	1.8	255.6	10.3	340.7	0.0	R 0.4	343.5	R 0.8	R 344.3
1993	0.0	2.5	0.5	54.9	16.8	0.4	1.8	258.9	8.1	341.4	0.0	R 0.4	344.3	R 0.9	R 345.2
1994	0.0	2.6	0.4	50.6	18.2	0.4	1.9	264.6	6.2	342.2	0.0	R 0.5	R 345.2	R 1.0	R 346.2
1995	0.0	2.9	0.2	52.8	19.4	0.2	1.8	268.5	5.9	349.0	0.2	R 0.5	R 352.4	R 1.0	R 353.4
1996	0.0	2.7	0.2	58.5	22.1	0.2	1.8	270.1	4.8	357.7	0.2	R 0.5	R 360.9	R 0.9	R 361.9
1997	0.0	3.3	0.2	58.7	23.2	0.2	1.9	279.5	4.6	368.3	0.2	0.4	372.0	0.9	372.9

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

<sup>c</sup> Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

— =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 142. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, Maryland

Year	Coal			Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>e</sup>	Wood and Waste	Geothermal Energy	Other <sup>b,f</sup>	Total <sup>g</sup>
	Bituminous Coal and Lignite	Anthracite	Total		Heavy Oil <sup>b,c</sup>	Light Oil <sup>b,d</sup>	Petroleum Coke <sup>b</sup>	Total						
	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	3,088	0	3,088	(s)	166	16	0	182	0	1,356	0	0	0	-
1965	6,018	0	6,018	(s)	269	26	0	295	0	1,140	0	0	0	-
1970	5,950	0	5,950	11	9,946	945	0	10,891	0	1,906	0	0	0	-
1975	3,873	0	3,873	(s)	17,982	688	0	18,669	4,386	2,311	0	0	0	-
1980	5,908	0	5,908	5	8,139	1,111	0	9,250	10,947	1,270	0	0	0	-
1985	7,046	0	7,046	1	5,131	830	0	5,961	9,926	1,524	16	0	0	-
1986	7,961	0	7,961	2	4,254	748	0	5,002	12,828	1,876	38	0	0	-
1987	8,228	0	8,228	12	4,363	807	0	5,170	10,070	1,612	51	0	0	-
1988	9,020	0	9,020	5	6,009	857	0	6,866	11,734	1,328	57	0	0	-
1989	9,074	0	9,074	19	10,407	1,255	0	11,662	2,719	1,778	14	0	0	-
1990	8,945	0	8,945	18	6,234	598	0	6,832	1,251	2,299	0	0	0	-
1991	8,632	0	8,632	16	7,084	552	0	7,637	9,036	1,407	0	0	0	-
1992	8,993	0	8,993	12	4,654	458	0	5,111	10,664	1,825	0	0	0	-
1993	9,521	0	9,521	9	6,975	592	0	7,567	12,301	1,658	0	0	0	-
1994	9,717	0	9,717	13	6,581	1,040	0	7,621	11,235	2,010	0	0	0	-
1995	10,141	0	10,141	19	2,115	674	0	2,789	12,938	1,442	0	0	0	-
1996	10,540	0	10,540	8	2,121	782	0	2,903	12,093	2,457	0	0	0	-
1997	10,417	0	10,417	11	2,380	638	0	3,018	13,213	1,588	0	0	0	-

  

Trillion Btu														
1960	82.2	0.0	82.2	0.1	1.0	0.1	0.0	1.1	0.0	14.6	0.0	0.0	0.0	98.0
1965	158.7	0.0	158.7	0.1	1.7	0.1	0.0	1.8	0.0	11.9	0.0	0.0	0.0	172.5
1970	146.4	0.0	146.4	11.7	62.5	5.5	0.0	68.0	0.0	20.0	0.0	0.0	0.0	246.2
1975	94.2	0.0	94.2	0.4	113.0	4.0	0.0	117.0	48.3	24.0	0.0	0.0	0.0	284.0
1980	146.3	0.0	146.3	5.4	51.2	6.5	0.0	57.6	119.4	13.2	0.0	0.0	0.0	341.8
1985	178.4	0.0	178.4	1.4	32.3	4.8	0.0	37.1	107.3	15.9	0.2	0.0	0.0	340.4
1986	202.0	0.0	202.0	2.3	26.7	4.4	0.0	31.1	138.5	19.6	0.4	0.0	0.0	394.0
1987	208.6	0.0	208.6	12.3	27.4	4.7	0.0	32.1	108.5	16.8	0.5	0.0	0.0	378.8
1988	229.6	0.0	229.6	5.6	37.8	5.0	0.0	42.8	126.1	13.7	0.6	0.0	0.0	418.2
1989	230.4	0.0	230.4	20.0	65.4	7.3	0.0	72.7	29.2	18.5	0.1	0.0	0.0	371.1
1990	227.8	0.0	227.8	18.3	39.2	3.5	0.0	42.7	13.4	23.9	0.0	0.0	0.0	326.0
1991	220.9	0.0	220.9	16.8	44.5	3.2	0.0	47.8	97.0	14.7	0.0	0.0	0.0	397.2
1992	229.4	0.0	229.4	12.1	29.3	2.7	0.0	31.9	113.9	18.9	0.0	0.0	0.0	406.1
1993	242.8	0.0	242.8	9.2	43.9	3.5	0.0	47.3	131.4	17.1	0.0	0.0	0.0	447.8
1994	249.2	0.0	249.2	13.3	41.4	6.1	0.0	47.4	119.9	20.7	0.0	0.0	0.0	450.6
1995	263.0	0.0	263.0	19.6	13.3	3.9	0.0	17.2	137.9	14.9	0.0	0.0	0.0	452.5
1996	271.5	0.0	271.5	8.8	13.3	4.6	0.0	17.9	128.5	25.4	0.0	0.0	0.0	452.0
1997	269.0	0.0	269.0	11.5	15.0	3.7	0.0	18.7	140.4	16.4	0.0	0.0	0.0	455.9

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>c</sup> Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.

<sup>d</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

<sup>e</sup> If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>f</sup> "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.

<sup>g</sup> If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.